

**ABSTRACT:**

A gyratory crusher includes an outer shell, which should be fastened in a frame included in the crusher, and an inner shell, which is intended to be fastened on a crushing head and to define together with the outer shell a crushing gap for receipt of material to be crushed. Upon fastening of the outer shell a first abutment surface on the outer periphery of the outer shell is brought in a first step to abutment against a first contact surface on the frame. In a second step a spacer member is pressed in for clamping of the outer shell between a second surface on the outer periphery of the outer shell and the frame. A good abutment is provided both at the first abutment. Surface of the outer shell and at the second abutment surface thereof.